

Date: Fri, 24 Sep 93 04:30:21 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #51
To: Ham-Equip

Ham-Equip Digest Fri, 24 Sep 93 Volume 93 : Issue 51

Today's Topics:

 Looking for mods for HTX-202
 Looking for VOX for FT-470
SUMMARY: Motorola MICOR and MITREX modifications, crystals, etc.

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 23 Sep 1993 04:19:49 GMT
From: olivea!charnel!rat!zimmer!news@uunet.uu.net
Subject: Looking for mods for HTX-202
To: ham-equip@ucsd.edu

Does anybody know if there is a mods list for the HTX-202?
I'm interested in extending the rx range..

I remember a discussion regarding this a while back, but never
saved it..

Email please.

Thanks.

--steve
KD6BET
--

Steve Mitchell / steve_mitchell@csufresno.edu / steve@caticsuf.csufresno.edu
"STUFF: Anything that can be used for homebrewing." "JUNK: Everything else

you thought could be used for homebrewing, but can't."

Date: Thu, 23 Sep 1993 04:17:56 GMT
From: olivea!charnel!rat!zimmer!news@uunet.uu.net
Subject: Looking for VOX for FT-470
To: ham-equip@ucsd.edu

Can anybody tell me where to go for VOX headset type stuff
for the FT-470? I'm interested in something light that
only covers one ear.

Email any advice or opinions, please.

Thanks.

--steve

KD6BET

--

Steve Mitchell / steve_mitchell@csufresno.edu / steve@caticsuf.csufresno.edu
"STUFF: Anything that can be used for homebrewing." "JUNK: Everything else
you thought could be used for homebrewing, but can't."

Date: 23 Sep 1993 23:37:02 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
Subject: SUMMARY: Motorola MICOR and MITREX modifications, crystals, etc.
To: ham-equip@ucsd.edu

Golly, I must be doing something wrong. To duplex a Mitrek, I just clip
out CR1, CR2, and CR403, and add a new antenna jack for the receiver.

If you send the old channel element to International Crystal, they'll
load a new crystal into it and recompensate it for you. If you live
in California, where the weather is mild, as I do, you can just order
the crystal and stuff it into the element yourself a lot cheaper.

9600 bps packet on a Mitrek works just fine. Using a K9NG or TAPR
modem, pick the rx data off pin 11 of the control cable connector, same
as you would for a voice repeater. Clip the resistor from the splatter
filter to the channel element, and shove the transmit data into the
channel element modulation input directly. (I do it through pin 18 on
the control connector, which is not otherwise used.)

Takes about a hour, including tuneup. The only hard part is getting the
new antenna jack mounted and wired into the radio cover.

A thermostatically-controlled muffin fan is a real good idea if long winds are going to be gassing on it, or you're using it in data service.

One thing to watch for is spurs from the TX multipliers getting into the RX. I've never had it happen in a dozen or so repeaters I've built, but a friend claims it happened to him. Your mileage may vary.

- Brian

End of Ham-Equip Digest V93 #51
